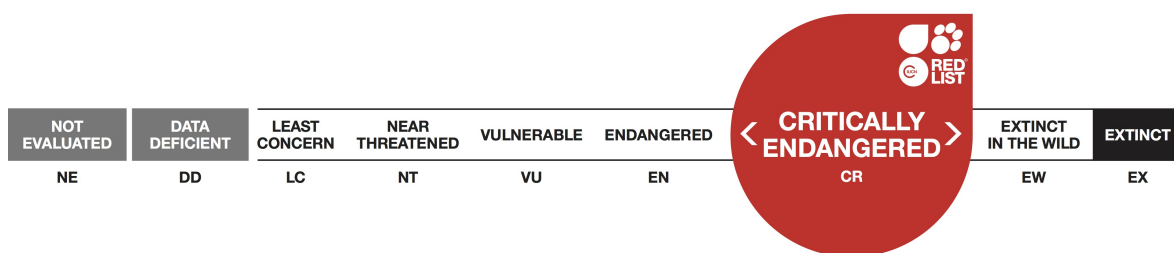


Pittosporum artense

Assessment by: Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G. & Maggia, L.



View on www.iucnredlist.org

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Plantae	Tracheophyta	Magnoliopsida	Rosales	Pittosporaceae

Taxon Name: *Pittosporum artense* Guillaumin

Taxonomic Source(s):

Tirel, Ch. and Veillon, J.-M. 2002. *Flore de la Nouvelle-Calédonie, tome 24. Pittosporaceae*. Museum d'Histoire Naturelle, Paris.

Assessment Information

Red List Category & Criteria: Critically Endangered B1ab(iii)+2ab(iii) [ver 3.1](#)

Year Published: 2017

Date Assessed: July 23, 2015

Justification:

Pittosporum artense is an endemic small tree of New Caledonia restricted to Ile Art, located to the north of the main island, called Grande Terre. It is found on forest edges on ultramafic substrates, and its area of occupancy and extent of occurrence of 8 km² consists of a single location. Based on the frequency of uncontrolled fires and impacts of grazing by cattle a continuous decline in the quality of habitat is projected. Using criterion B, *P. artense* qualifies for listing as Critically Endangered (CR) B1ab(iii)+2ab(iii).

Previously Published Red List Assessments

1998 – Vulnerable (VU)

<http://dx.doi.org/10.2305/IUCN.UK.1998.RLTS.T35261A9916560.en>

1998 – Vulnerable (V)

Geographic Range

Range Description:

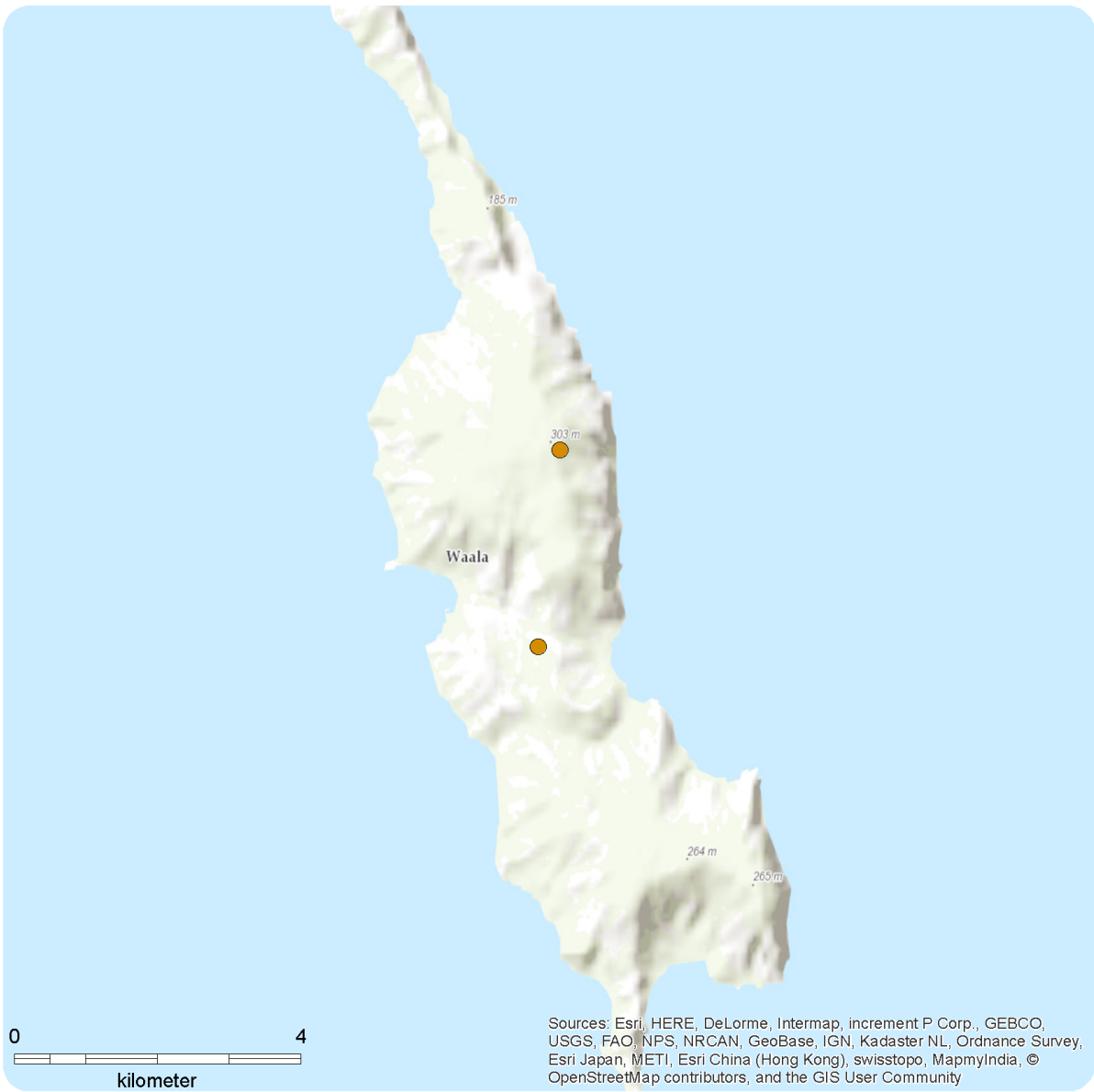
Pittosporum artense is an endemic small tree of New Caledonia restricted to Ile Art, located to the north of the main island, Grande Terre.

Country Occurrence:

Native: New Caledonia

Distribution Map

Pittosporum artense



Range

● Extant (resident)

Compiled by:
IUCN SSC New Caledonia Plants RLA



Population

The last observations recorded a small population estimated to be fewer than 1,000 mature individuals.

Current Population Trend: Decreasing

Habitat and Ecology (see Appendix for additional information)

Pittosporum artense is found growing on forests edges on ultramafic substrates.

Systems: Terrestrial

Threats (see Appendix for additional information)

Pasture for cattle and fire are the main known threats on Ile Art that can affect the population of *Pittosporum artense*.

Conservation Actions (see Appendix for additional information)

Pittosporum artense is protected by legislation in Province Nord, but is not found in any protected areas. According to experts, surveys for this species need to be done on the slopes of the plateau and to the south of Pott (Bélep).

Credits

Assessor(s): Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G. & Maggia, L.

Reviewer(s): Tanguy, V.

**Facilitators(s) and
Compiler(s):** Chanfreau, S.

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IUCN. 2017. The IUCN Red List of Threatened Species. Version 2017-3. Available at: www.iucnredlist.org. (Accessed: 7 December 2017).

Tirel, Ch. and Veillon, J.-M. 2002. *Flore de la Nouvelle-Calédonie, tome 24. Pittosporaceae*. Museum d'Histoire Naturelle, Paris.

Citation

Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G. & Maggia, L. 2017. *Pittosporum artense*. *The IUCN Red List of Threatened Species 2017*: e.T35261A67764007. <http://dx.doi.org/10.2305/IUCN.UK.2017-3.RLTS.T35261A67764007.en>

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External Resources

For [Images and External Links to Additional Information](#), please see the Red List website.

Appendix

Habitats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Habitat	Season	Suitability	Major Importance?
1. Forest -> 1.6. Forest - Subtropical/Tropical Moist Lowland	-	Suitable	-

Threats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Threat	Timing	Scope	Severity	Impact Score
2. Agriculture & aquaculture -> 2.3. Livestock farming & ranching -> 2.3.2. Small-holder grazing, ranching or farming	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation		
7. Natural system modifications -> 7.1. Fire & fire suppression -> 7.1.1. Increase in fire frequency/intensity	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality		

Conservation Actions in Place

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Conservation Actions in Place
In-Place Land/Water Protection and Management
Occur in at least one PA: No
Invasive species control or prevention: No
In-Place Species Management
Successfully reintroduced or introduced benignly: No
Subject to ex-situ conservation: No

Research Needed

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Research Needed
1. Research -> 1.2. Population size, distribution & trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 8
Continuing decline in area of occupancy (AOO): No
Extreme fluctuations in area of occupancy (AOO): No
Estimated extent of occurrence (EOO) (km ²): 8
Continuing decline in extent of occurrence (EOO): No
Extreme fluctuations in extent of occurrence (EOO): No
Number of Locations: 1
Continuing decline in number of locations: No
Extreme fluctuations in the number of locations: No
Lower elevation limit (m): 220
Upper elevation limit (m): 250
Population
Number of mature individuals: 250-999
Continuing decline of mature individuals: No
Extreme fluctuations: No
Population severely fragmented: No
No. of subpopulations: 1
Extreme fluctuations in subpopulations: No
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Yes
Generation Length (years): 0

The IUCN Red List Partnership



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